

Antenna Sample Datasheet

customer:	元烽伦
entry name:	YFL-S43-L
Material category:	BT-ANT L
Antenna Type	PIFA
Antenna Material	FPC
edition:	V1.0
Date:	2026. 07. 01

Antenna manufacturer: Hongji Wireless Communication (Shenzhen) Co.,
LTD

<http://www.honant.com.cn>

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Park, Sightseeing Road, Guangming District, Shenzhen

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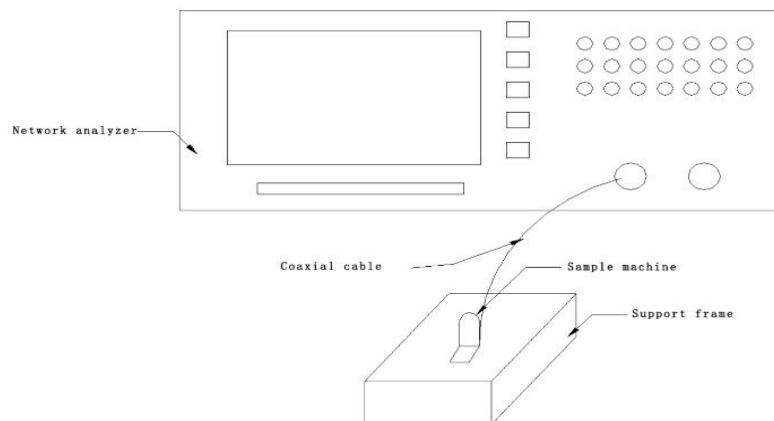
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1: Antenna test equipment

List of meters: Agilent 5071B;

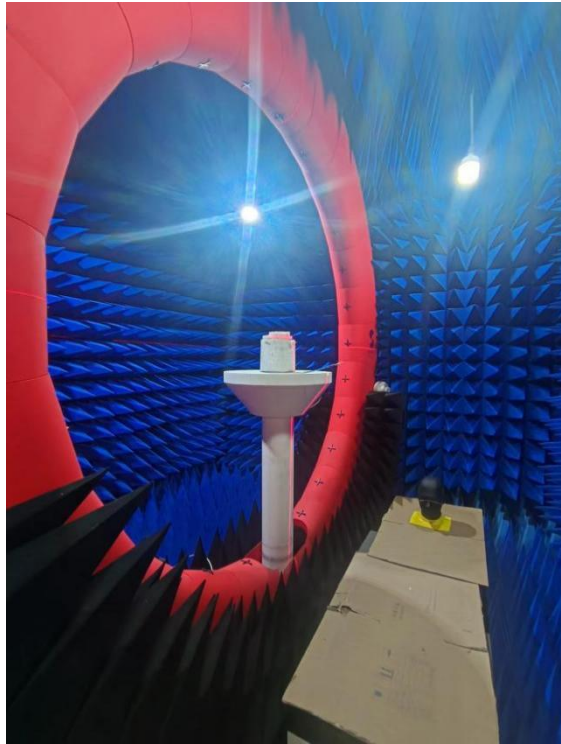


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



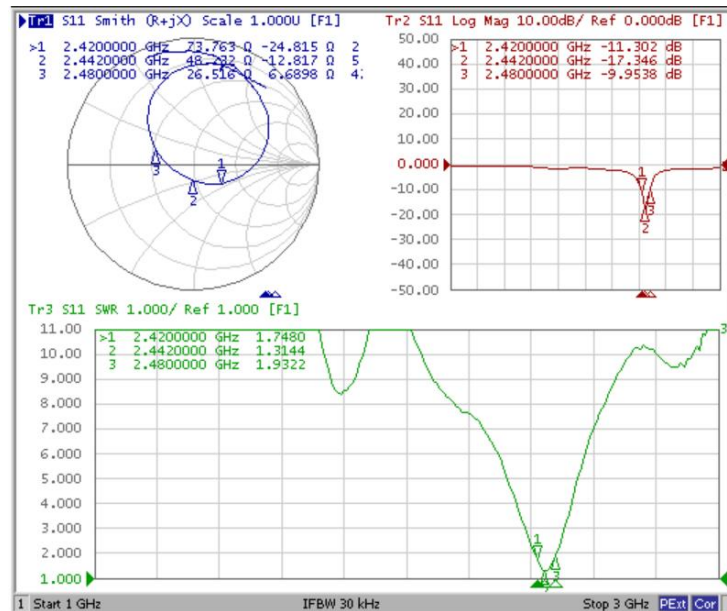
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

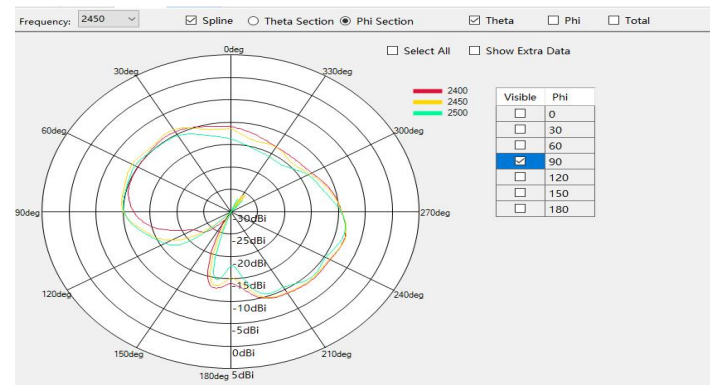
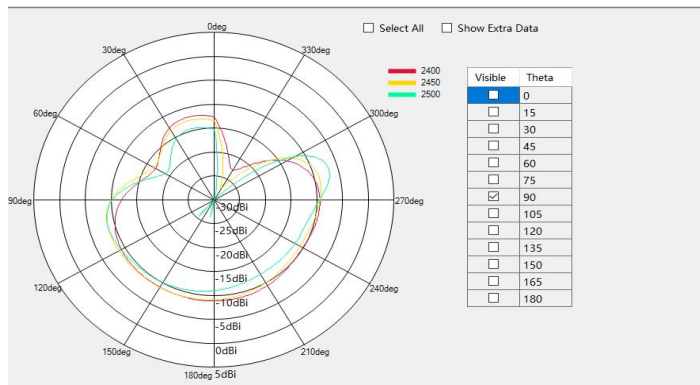
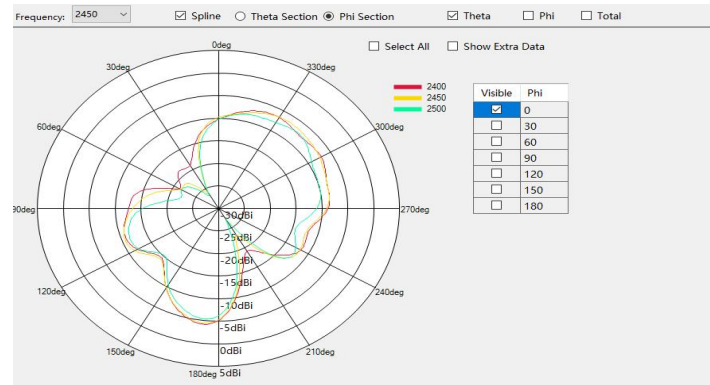
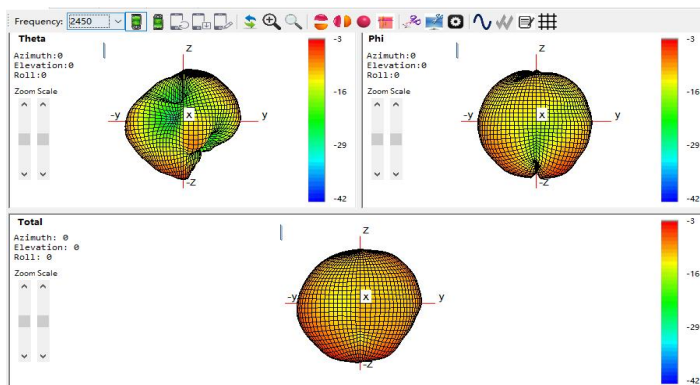
2.1: antenna S11 parameters



2.2: Passive efficiency of antenna

频点 MHz	增益(dBi)	效率(dB)	效率 (%)
2400	-3.45	-7.89	16.25
2410	-3.31	-7.76	16.74
2420	-3.27	-7.71	16.95
2430	-3.2	-7.68	17.08
2440	-3.23	-7.72	16.91
2450	-3.38	-7.91	16.17
2460	-3.53	-8.13	15.39
2470	-3.64	-8.35	14.64
2480	-3.77	-8.58	13.87

2.3: Passive pattern of BT antenna



3: Structural drawing-Left

